

Substitute for Form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
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Complete if Known

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| Application Number | 10/647,978 |
| Filing Date | August 26, 2003 |
| First Named Inventor: | Chesser et al. |
| Art Unit | 2836 |
| Examiner Name | Not Yet Assigned |
| Attorney Docket Number | 42P11893D2 |

Sheet 1 of 3


U.S. PATENT DOCUMENTS

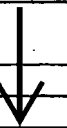
| Examiner Initials* | Cite No. ¹ | Document Number | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|-----------------|------------------------------------------|--------------------------------|-------------------------------------------------|---------------------------------------------------------------------------|
| | | | Number-Kind Code ² (if known) | | | |
| /NP/ | 1. | US- | 4,470,450 | 09-11-1984 | Bizzell et al. | |
| | 2. | US- | 4,476,922 | 10-16-1984 | Heilig, Jr. et al. | |
| | 3. | US- | 4,867,235 | 09-19-1989 | Grapes et al. | |
| | 4. | US- | 4,883,116 | 11-28-1989 | Seidenberg et al. | |
| | 5. | US- | 4,890,668 | 01-02-1990 | Cima | |
| | 6. | US- | 4,994,937 | 02-19-1991 | Morrison | |
| | 7. | US- | 5,289,694 | 03-01-1994 | Nordin | |
| | 8. | US- | 5,504,924 | 04-02-1996 | Ohashi et al. | |
| | 9. | US- | 5,528,454 | 06-18-1996 | Niklos | |
| | 10. | US- | 5,587,880 | 12-24-1996 | Phillips et al. | |
| | 11. | US- | 5,619,486 | 04-08-1997 | Uno et al. | |
| | 12. | US- | 5,673,029 | 09-30-1997 | Behl et al. | |
| | 13. | US- | 5,725,049 | 03-10-1998 | Swanson et al. | |
| | 14. | US- | 5,731,954 | 03-24-1998 | Cheon | |
| | 15. | US- | 5,761,037 | 06-02-1998 | Anderson et al. | |
| | 16. | US- | 5,816,313 | 10-06-1998 | Baker | |
| | 17. | US- | 5,924,482 | 07-20-1999 | Edwards et al. | |
| | 18. | US- | 5,940,270 | 08-17-1999 | Puckett | |
| | 19. | US- | 5,944,092 | 08-31-1999 | Van Oost | |
| | 20. | US- | 6,021,049 | 02-01-2000 | Thompson et al. | |
| | 21. | US- | 6,088,223 | 07-11-2000 | Diemunsch | |
| | 22. | US- | 6,115,251 | 09-05-2000 | Patel et al. | |
| | 23. | US- | 6,118,654 | 09-12-2000 | Bhatia | |
| | 24. | US- | 6,141,211 | 10-31-2000 | Strickler et al. | |
| | 25. | US- | 6,166,907 | 12-26-2000 | Chien | |
| | 26. | US- | 6,167,948 B1 | 01-02-2001 | Thomas | |
| | 27. | US- | 6,209,625 B1 | 04-03-2001 | Guo | |
| | 28. | US- | 6,227,286 B1 | 05-08-2001 | Katsui | |
| | 29. | US- | 6,257,323 B1 | 07-10-2001 | Kuo | |
| | 30. | US- | 6,269,865 B1 | 08-07-2001 | Huang | |
| | 31. | US- | 6,317,322 B1 | 11-13-2001 | Ueki et al. | |

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|--------------------|---------------|-----------------|------------|
| Examiner Signature | /Nihir Patel/ | Date Considered | 10/25/2007 |
|--------------------|---------------|-----------------|------------|

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| U.S. PATENT DOCUMENTS | | | | | | |
| Examiner Initials* | Cite No. ¹ | Document Number | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Country Code ³ | Number-Kind Code ² (if known) | | | |
|  | 32. | US- | 6,337,794 B1 | 01-08-2002 | Agonafer et al. | |
| | 33. | US- | 6,351,381 B1 | 02-26-2002 | Bilski et al. | |
| | 34. | US- | 6,366,461 B1 | 04-02-2002 | Pautsch et al. | |
| | 35. | US- | 6,388,882 B1 | 05-14-2002 | Hoover et al. | |
| | 36. | US- | 6,419,007 B1 | 07-16-2002 | Ogawara et al. | |
| | 37. | US- | 2002/0149909 A1 | 10-17-2002 | Konstad et al. | |
| | 38. | US- | 6,473,297 B1 | 10-29-2002 | Behl et al. | |
| | 39. | US- | 6,496,364 B1 | 12-17-2002 | Medin et al. | |
| | 40. | US- | 6,536,510 B2 | 03-25-2003 | Khrustalev et al. | |
| | 41. | US- | 6,626,231 B2 | 09-30-2003 | Cluzet et al. | |
| | 42. | US- | 6,643,132 B2 | 11-04-2003 | Faneuf et al. | |
| | 43. | US- | 6,690,575 B1 | 02-10-2004 | Banton et al. | |
| | 44. | US- | 6,693,797 B2 | 02-17-2004 | Faneuf et al. | |
| | 45. | US- | 6,776,221 B2 | 08-17-2004 | Montgomery et al. | |
| | 46. | US- | 6,804,117 B2 | 10-12-2004 | Phillips et al. | |
| | 47. | US- | 6,836,407 B2 | 12-28-2004 | Faneuf et al. | |
| | 48. | US- | 6,889,754 B2 | 05-10-2005 | Kroliczek et al. | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|-------------------------------------------------------------------------------------|-----------------------|---------------------------|------------------------------------------|-----------------------------------|----------------------------------------------------|------------------------------------------------------------------------------------|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ | Number-Kind Code ² (if known) | | | | |
|  | 49. | GB | 2 190 737 | 11-25-1987 | Grumman Aerospace Corporation | | |
| | 50. | EP | 0580412 A1 | 01-26-1994 | British Aerospace Public Limited Company | | |
| | 51. | JP | 09061074 | 03-07-1997 | Akachi Hisateru | | |
| | 52. | JP | 2001196778 | 07-19-2001 | Samsung Electronics Co., Ltd. | | |
| | 53. | FR | 2 813 662 | 03-08-2002 | Astrium Sas | | |

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| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
| Examiner Initials* | Cite No ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published | T ² |
| /NP/ | 54. | AMIR FAGHRI, "Heat Pipe Science and Technology, Chapter 9," January 1995, pp. 582-625, Taylor & Francis, Inc. | |
| /NP/ | 55. | PCT/US02/27857, International Search Report, May 12, 2002. | |
| /NP/ | 56. | PCT/US02/27857, Additional International Search Report, May 6, 2003. | |
| /NP/ | 57. | PCT/US02/27857, PCT Written Opinion, May 25, 2005. | |
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